



# Weekly Coal Production

**EIA**  
Energy  
Information  
Administration

Production for Week Ended:  
June 29, 1991



# Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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# Summary

U.S. coal production in the week ended June 29, 1991, as estimated by the Energy Information Administration, totaled 17 million short tons. This was 13 percent less than in the previous week, as the members of the United Mine Workers of America observed the first full week of their vacation period. Production east of the Mississippi River totaled 10 million short tons, and production west of the Mississippi River totaled 7 million short tons.

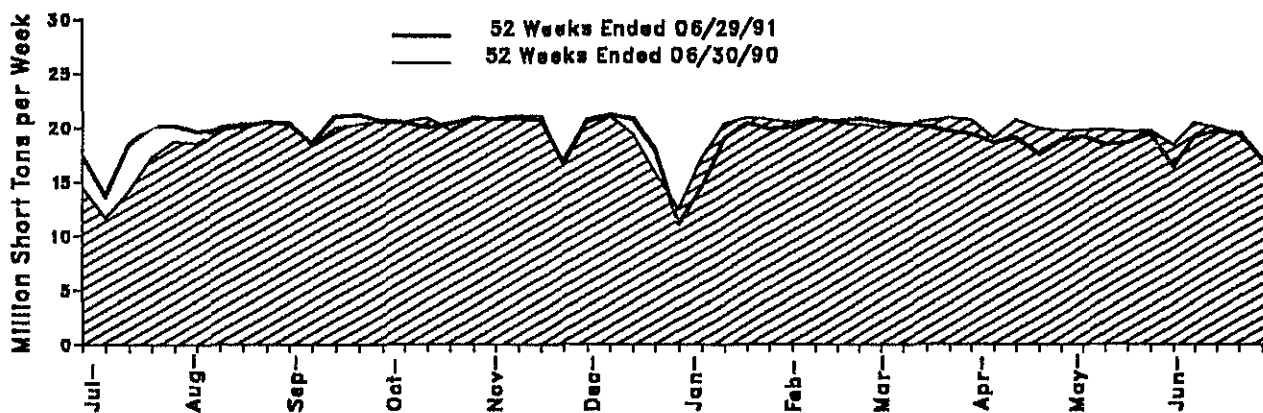
Coal consumption at electric utility plants in April 1991 totaled 55 million short tons, 6 percent less than in March 1991, and slightly less than in April 1990. In the first 4 months of 1991, electric utility coal consump-

tion was 244 million short tons, about the same as in the comparable period in 1990.

Coal stocks at electric utilities at the end of April 1991 totaled 163 million short tons. This was 6 million short tons more than at the end of March 1991, and 7 million short tons more than at the end of April 1990.

Coal receipts at electric utilities in March 1991 were 64 million short tons, bringing the total for the first quarter to 188 million short tons. This was a 5 percent decline from coal receipts in the first quarter of 1990, reflecting the lower rate of coal stock replenishment by electric utilities in the first quarter of 1991.

**Figure 1. Coal Production**



**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		
	06/29/91	06/22/91	06/30/90	06/29/91	06/30/90	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous Coal <sup>1</sup> and Lignite	17,004	19,481	17,260	1,003,192	1,008,634	-0.5
Pennsylvania Anthracite	48	56	57	2,774	3,132	-11.4
U.S. Total	17,050	19,537	17,317	1,005,966	1,011,766	-6
Railroad Cars Loaded	111,848	128,946	114,380	6,525,976	6,544,342	

<sup>1</sup> Includes subbituminous coal

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A, Energy Information Administration, Form EIA-8, "Coal Distribution Report", Form EIA-7A, "Coal Production Report", and State mining agency coal production reports.

**Table 2. Coal Production by State**  
(Thousand Short Tons)

Region and State	Week Ended		
	06/29/91	06/22/91	06/30/90
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi	9,592	12,050	10,184
Alabama	440	573	499
Illinois	1,086	1,239	744
Indiana	674	793	652
Kentucky	2,420	3,131	2,893
Kentucky, Eastern	1,806	2,393	2,060
Kentucky, Western	614	738	833
Maryland	49	66	56
Ohio	530	685	556
Pennsylvania Bituminous	1,123	1,331	1,090
Tennessee	95	124	112
Virginia	743	971	793
West Virginia	2,432	3,138	2,789
West of the Mississippi	7,412	7,431	7,076
Alaska	21	24	21
Arizona	180	207	135
Arkansas	1	1	*
Colorado	317	394	357
Iowa	8	7	6
Kansas	14	16	13
Louisiana	67	22	78
Missouri	41	47	43
Montana	710	678	700
New Mexico	537	488	480
North Dakota	545	521	541
Oklahoma	33	35	33
Texas	855	1,087	921
Utah	370	454	403
Washington	81	93	86
Wyoming	3,532	3,336	3,260
Bituminous Coal <sup>1</sup> and Lignite Total	17,004	19,481	17,260
Pennsylvania Anthracite	48	56	57
U.S. Total	17,050	19,537	17,317

<sup>1</sup> Includes subbituminous coal

\* Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A, Energy Information Administration, Form EIA-8, "Coal Distribution Report", Form EIA-7A, "Coal Production Report", and State mining agency coal production reports.

**Table 3. Coal Supply and Demand, 1982-1991**  
(Thousand Short Tons)

Year and Month	Production	Consumption	Imports	Exports	Total Stocks <sup>1</sup>
<b>1982</b>	838,112	706,911	742	106,277	232,038
<b>1983</b>	782,091	736,672	1,271	77,772	202,585
<b>1984</b>	895,921	791,298	1,286	81,483	231,301
<b>1985</b>	883,638	818,049	1,952	92,680	203,367
<b>1986</b>	890,315	804,312	2,212	85,518	207,319
<b>1987</b>	918,762	836,941	1,747	79,607	213,780
<b>1988</b>	950,265	883,664	2,134	95,023	188,831
<b>1989</b>					
January	82,331	77,638	66	6,308	185,952
February	75,414	73,391	131	6,748	181,866
March	89,421	72,834	334	8,375	184,830
April	77,456	66,355	158	9,104	188,578
May	82,776	68,438	312	9,685	193,282
June	78,795	73,372	218	9,657	189,507
July	66,601	79,619	375	6,209	175,341
August	91,349	80,170	247	8,122	174,372
September	85,115	72,413	303	9,661	176,013
October	89,873	71,200	160	9,293	182,271
November	87,236	71,653	245	9,768	186,815
December	74,363	83,478	303	7,888	175,087
<b>Total</b>	<b>980,729</b>	<b>890,559</b>	<b>2,851</b>	<b>100,815</b>	
<b>1990</b>					
January	90,551	76,890	175	7,447	178,857
February	82,012	68,252	268	6,243	185,776
March	91,598	71,171	292	8,693	195,112
April	83,164	67,690	182	8,590	202,460
May	86,507	69,007	144	9,827	208,968
June	84,584	74,908	348	9,316	208,871
July	79,809	81,260	200	9,194	199,995
August	91,838	82,951	120	10,065	196,323
September	83,107	76,469	194	10,238	194,398
October	93,418	74,982	284	8,756	200,602
November	86,772	71,729	224	9,621	205,332
December	75,876	79,247	268	7,813	200,826
<b>Total</b>	<b>1,029,035</b>	<b>894,556</b>	<b>2,699</b>	<b>105,804</b>	
<b>1991</b>					
January	85,834	NA	263	6,214	NA
February	82,588	NA	429	8,127	NA
March	85,013	NA	246	7,977	NA
April	81,311	NA	198	6,917	NA
May	81,816	NA	NA	NA	NA

<sup>1</sup> The residential and commercial sector is not included. Stocks are reported as of the last day of the period.

NA Not available.

Note. Total may not equal sum of components because of independent rounding.

Sources: Production: Energy Information Administration (EIA) Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports. Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145." Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522." Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report."



**Table 4. Coal Consumption, 1982-1991**  
(Thousand Short Tons)

Year and Month	Electric Utilities	Industrial		Residential and Commercial	Total
		Coke Plants	Other Industrial <sup>1</sup>		
1982	593,668	40,908	64,097	8,240	706,911
1983	625,211	37,033	65,980	8,448	736,672
1984	664,399	44,022	73,745	9,130	791,296
1985	693,841	41,058	75,372	7,779	818,049
1986	685,056	36,006	75,583	7,667	804,312
1987	717,894	36,957	75,175	6,914	836,941
1988	758,372	41,910	76,252	7,130	883,664
1989					
January	66,767	3,568	6,671	632	77,638
February	62,784	3,295	6,619	693	73,391
March	62,005	3,722	6,595	512	72,834
April	56,144	3,613	6,088	511	66,355
May	58,527	3,525	6,050	336	68,438
June	63,635	3,368	6,073	298	73,372
July	68,720	3,527	5,875	496	79,619
August	70,493	3,336	5,891	449	80,170
September	62,910	3,320	5,865	318	72,413
October	60,561	3,599	6,829	210	71,200
November	61,006	3,301	6,815	530	71,653
December	72,336	3,195	6,764	1,184	83,478
Total	766,888	41,369	76,134	6,167	890,559
1990					
January	66,290	3,354	6,533	713	76,890
February	57,996	3,025	6,576	656	68,252
March	60,748	3,369	6,504	551	71,171
April	57,776	3,357	6,025	532	67,690
May	59,140	3,501	6,007	360	69,007
June	65,167	3,331	6,037	373	74,908
July	71,376	3,275	6,075	535	81,260
August	72,942	3,397	6,113	498	82,951
September	68,727	3,278	6,058	409	78,469
October	64,264	3,450	6,853	413	74,982
November	60,916	3,351	6,838	624	71,729
December	68,335	3,139	6,713	1,059	79,247
Total	771,678	39,824	76,330	6,724	894,556
1991					
January	71,190	NA	NA	NA	NA
February	58,443	NA	NA	NA	NA
March	59,195	NA	NA	NA	NA
April	55,483	NA	NA	NA	NA

<sup>1</sup> Includes transportation

NA Not available

Note Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report" Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report" Residential and Commercial: Form EIA-6, "Coal Distribution Report"

**Table 5. Coal Stocks, 1982-1991**  
(Thousand Short Tons)

Year and Month <sup>1</sup>	Consumers				Producers and Distributors
	Electric Utilities	Coke Plants	Other Industrial <sup>2</sup>	Total	
<b>1982</b>	181,132	4,642	9,479	195,254	36,784
<b>1983</b>	155,588	4,348	8,710	168,654	33,931
<b>1984</b>	179,727	6,166	11,317	197,211	34,090
<b>1985</b>	156,376	3,420	10,438	170,234	33,133
<b>1986</b>	161,806	2,992	10,429	175,226	32,093
<b>1987</b>	170,797	3,884	10,777	185,459	28,321
<b>1988</b>	146,507	3,137	8,788	158,413	30,418
<b>1989</b>					
January	142,538	3,264	8,073	153,876	32,076
February	137,363	3,391	7,378	148,132	33,734
March	139,036	3,518	6,683	149,238	35,392
April	144,674	3,466	6,679	154,819	33,759
May	151,067	3,413	6,675	161,155	32,127
June	148,981	3,361	6,671	159,013	30,494
July	134,865	3,478	7,054	145,395	29,946
August	133,948	3,591	7,436	144,975	29,397
September	135,640	3,707	7,818	147,165	28,848
October	142,280	3,426	7,666	153,372	28,899
November	147,207	3,145	7,515	157,866	28,949
December	135,860	2,864	7,363	146,087	29,000
<b>1990</b>					
January	137,465	3,123	7,237	147,824	31,033
February	142,218	3,382	7,110	152,711	33,066
March	149,388	3,641	6,984	160,013	35,099
April	155,962	3,674	7,127	166,763	35,698
May	161,695	3,706	7,270	172,672	36,296
June	160,823	3,739	7,413	171,976	36,895
July	152,982	3,387	7,810	164,179	35,816
August	150,123	3,255	8,206	161,585	34,738
September	149,013	3,124	8,603	160,739	33,659
October	155,191	3,192	8,640	167,023	33,579
November	159,895	3,260	8,678	171,834	33,499
December	155,163	3,329	8,716	167,208	33,418
<b>1991</b>					
January	148,736	NA	NA	NA	NA
February	152,202	NA	NA	NA	NA
March	157,031	NA	NA	NA	NA
April	162,804	NA	NA	NA	NA

<sup>1</sup> Reported as of the last day of the period

<sup>2</sup> Manufacturing plants only

NA Not available.

Note. Total may not equal sum of components because of independent rounding.

Sources. Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report" Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" Producers and Distributors: Form EIA-6, "Coal Distribution Report."

**Table 6. Coal Statistics for Electric Utilities, 1982-1991**

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh <sup>1</sup>	Percent <sup>2</sup>	
<b>1982</b>	601,427	80.4	165	1.42	593,666	1,192,004	53.2	181,132
<b>1983</b>	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
<b>1984</b>	684,111	85.5	166	1.39	684,399	1,341,681	55.5	179,727
<b>1985</b>	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
<b>1986</b>	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
<b>1987</b>	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
<b>1988</b>	727,775	86.3	147	1.26	758,372	1,540,653	57.0	146,507
<b>1989</b>								
January	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February	56,634	82.9	145	1.29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	58,144	115,451	55.5	144,674
May	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,578	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
December	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
<b>Total</b>	<b>753,217</b>	<b>82.4</b>	<b>144</b>	<b>1.28</b>	<b>766,888</b>	<b>1,553,661</b>	<b>55.8</b>	
<b>1990</b>								
January	67,637	82.7	145	1.30	66,290	132,672	55.9	137,465
February	62,280	82.1	146	1.30	57,996	115,898	54.5	142,218
March	67,518	83.1	145	1.31	60,748	122,958	54.4	149,388
April	63,888	82.9	147	1.30	57,776	117,278	55.6	155,962
May	64,958	83.1	148	1.30	59,140	119,785	53.7	161,895
June	63,604	82.4	146	1.29	65,167	132,461	53.2	160,823
July	63,427	82.8	144	1.26	71,376	144,225	54.2	152,982
August	70,571	83.5	145	1.29	72,942	147,135	54.8	150,123
September	65,728	82.3	145	1.28	66,727	135,345	56.9	149,013
October	69,159	82.2	146	1.28	64,284	130,282	58.0	155,191
November	65,401	82.3	145	1.27	60,916	123,841	58.0	159,895
December	62,386	81.7	142	1.26	68,335	136,576	57.6	155,163
<b>Total</b>	<b>786,557</b>	<b>82.6</b>	<b>145</b>	<b>1.29</b>	<b>771,678</b>	<b>1,558,457</b>	<b>55.5</b>	
<b>1991</b>								
January	63,356	84.5	146	1.26	71,190	141,677	57.1	148,736
February	61,059	85.6	147	1.26	58,443	117,536	55.8	152,202
March	63,537	86.6	145	1.27	59,195	118,066	53.4	157,031
April	NA	NA	NA	NA	55,483	112,177	53.7	162,804

<sup>1</sup> Kilowatthours

<sup>2</sup> Coal-fired generation as a percentage of total generation.

NA Not available

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal-Fired Net Generation, April 1991**  
(Million Kilowatthours)

Census Division and State	April 1991	April 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
<b>New England</b>	<b>1,332</b>	<b>987</b>	<b>34.9</b>	<b>5,722</b>	<b>5,592</b>	<b>2.3</b>	<b>18.5</b>	<b>17.2</b>
Connecticut	143	178	-19.7	656	811	-19.1	7.3	7.1
Maine	-	-	-	-	-	-	-	-
Massachusetts	978	713	37.2	3,915	3,771	3.8	32.9	28.9
New Hampshire	211	96	118.9	1,150	1,010	13.9	23.5	40.8
Rhode Island	0	0	-	0	0	-	0	.0
Vermont	-	-	-	-	-	-	-	-
<b>Middle Atlantic</b>	<b>9,986</b>	<b>10,412</b>	<b>-4.3</b>	<b>44,939</b>	<b>46,118</b>	<b>-2.6</b>	<b>42.1</b>	<b>41.4</b>
New Jersey	90	335	-73.2	1,534	2,431	-32.8	16.8	21.2
New York	1,822	2,005	-9.1	8,034	8,359	-3.9	19.4	19.6
Pennsylvania	8,055	8,072	-.2	35,270	35,328	-.2	63.6	61.7
<b>East North Central</b>	<b>27,396</b>	<b>29,636</b>	<b>-7.6</b>	<b>118,964</b>	<b>118,636</b>	<b>-.6</b>	<b>75.5</b>	<b>74.8</b>
Illinois	3,940	4,529	-13.0	18,757	18,044	3.9	47.9	45.3
Indiana	6,368	7,919	-19.6	30,163	32,106	-6.1	98.6	98.4
Michigan	5,115	5,181	-1.3	21,533	21,502	.1	72.7	67.3
Ohio	8,993	9,237	-2.6	37,342	37,279	.2	87.2	90.7
Wisconsin	2,980	2,771	7.6	11,169	10,704	4.3	72.9	73.7
<b>West North Central</b>	<b>11,258</b>	<b>12,477</b>	<b>-9.8</b>	<b>52,593</b>	<b>53,674</b>	<b>-2.0</b>	<b>74.2</b>	<b>77.2</b>
Iowa	1,707	1,750	-2.5	8,046	8,195	-1.8	83.3	82.9
Kansas	1,332	1,911	-30.3	6,168	7,907	-22.0	66.6	79.7
Minnesota	1,891	2,265	-16.5	8,201	9,169	-10.6	64.6	69.0
Missouri	3,447	3,468	-.6	15,912	14,080	13.0	78.8	78.6
Nebraska	828	1,136	-27.1	4,440	4,744	-6.4	56.4	70.6
North Dakota	1,810	1,898	-4.6	8,834	8,866	-.4	93.9	93.3
South Dakota	243	51	372.4	992	714	39.0	49.2	39.8
<b>South Atlantic</b>	<b>22,873</b>	<b>22,723</b>	<b>.7</b>	<b>95,680</b>	<b>93,240</b>	<b>2.6</b>	<b>57.4</b>	<b>57.9</b>
Delaware	295	351	-16.0	1,659	1,484	11.8	67.5	66.1
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,249	4,513	-5.9	18,085	17,948	.8	48.1	52.8
Georgia	4,605	4,690	-1.8	17,958	18,390	-2.3	63.8	64.3
Maryland	1,534	1,892	-18.9	8,593	7,375	10.6	57.8	77.2
North Carolina	3,653	2,680	36.3	13,570	12,149	11.7	52.5	50.3
South Carolina	1,698	1,904	-10.8	8,898	6,294	9.6	31.8	28.1
Virginia	1,212	1,110	9.2	6,960	5,597	24.3	45.3	35.6
West Virginia	5,626	5,583	.8	23,958	24,004	-.2	98.9	98.8
<b>East South Central</b>	<b>13,181</b>	<b>14,123</b>	<b>-6.7</b>	<b>54,369</b>	<b>53,087</b>	<b>2.4</b>	<b>68.8</b>	<b>68.2</b>
Alabama	4,240	4,017	5.5	15,580	13,367	16.5	66.0	56.1
Kentucky	5,161	5,292	-2.5	22,211	22,383	-.8	93.5	95.0
Mississippi	579	624	-7.1	2,504	2,166	15.6	34.9	34.0
Tennessee	3,201	4,190	-23.6	14,075	15,170	-7.2	57.5	63.1
<b>West South Central</b>	<b>12,406</b>	<b>12,682</b>	<b>-1.7</b>	<b>56,228</b>	<b>53,775</b>	<b>4.6</b>	<b>51.8</b>	<b>51.0</b>
Arkansas	1,686	1,051	60.4	6,110	4,553	34.2	55.6	44.3
Louisiana	1,313	1,114	17.9	5,909	5,212	13.4	37.6	32.8
Oklahoma	1,478	1,582	-6.6	7,716	7,797	-1.0	60.4	56.3
Texas	7,988	8,935	-10.6	38,493	36,213	.8	52.8	55.3
<b>Mountain</b>	<b>12,992</b>	<b>13,724</b>	<b>-5.3</b>	<b>57,762</b>	<b>61,127</b>	<b>-5.5</b>	<b>74.4</b>	<b>79.2</b>
Arizona	1,824	2,336	-21.9	8,867	9,661	-8.2	45.7	56.4
Colorado	2,219	2,354	-5.8	9,462	9,872	-4.2	95.2	95.4
Idaho	-	-	-	-	-	-	-	-
Montana	1,167	1,117	4.5	5,668	5,511	2.9	60.4	61.5
Nevada	711	603	18.0	5,044	4,708	7.1	79.1	82.5
New Mexico	1,917	2,108	-9.1	6,541	8,289	-21.1	87.8	92.2
Utah	2,046	2,379	-14.0	9,521	10,310	-7.7	96.7	97.8
Wyoming	3,108	2,828	9.9	12,660	12,777	-.9	98.6	98.7
<b>Pacific</b>	<b>713</b>	<b>514</b>	<b>38.8</b>	<b>3,198</b>	<b>2,558</b>	<b>25.0</b>	<b>3.5</b>	<b>2.8</b>
California	-	-	-	-	-	-	-	-
Oregon	246	-3	NM	1,001	-12	NM	5.6	-.1
Washington	437	490	-10.8	2,077	2,453	-15.3	5.5	6.8
Alaska	30	27	10.3	120	116	3.2	7.6	7.3
Hawaii	-	-	-	-	-	-	-	-
<b>U.S. Total</b>	<b>112,177</b>	<b>117,278</b>	<b>-4.3</b>	<b>489,455</b>	<b>488,807</b>	<b>.1</b>	<b>55.1</b>	<b>55.1</b>

NM Percent change calculation not meaningful as value is greater than 500

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 8. Coal Consumption at Electric Utility Plants, April 1991**  
(Thousand Short Tons)

Census Division and State	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
<b>New England</b>	494	498	387	2,130	2,131	*
Connecticut	58	48	82	269	337	-20.2
Massachusetts	355	336	268	1,414	1,404	7
New Hampshire	81	115	37	447	389	14.7
Rhode Island	0	0	0	0	0	-
<b>Middle Atlantic</b>	4,007	4,584	4,182	18,049	18,525	-2.6
New Jersey	38	194	127	654	930	-29.7
New York	731	835	800	3,208	3,367	-4.7
Pennsylvania	3,238	3,555	3,255	14,188	14,227	-.3
<b>East North Central</b>	12,857	13,852	14,049	58,575	58,762	-.3
Illinois	2,029	2,244	2,280	9,602	9,155	4.9
Indiana	3,072	3,817	3,696	14,943	15,867	-5.8
Michigan	2,302	2,465	2,391	9,880	9,809	.7
Ohio	3,778	3,834	3,926	15,858	15,949	-.6
Wisconsin	1,877	1,491	1,556	6,291	5,982	5.2
<b>West North Central</b>	7,158	8,270	7,880	33,453	34,296	-2.5
Iowa	1,009	1,180	1,212	4,876	5,111	-4.6
Kansas	830	910	1,180	3,917	5,011	-21.8
Minnesota	1,288	1,174	1,390	5,282	5,867	-10.0
Missouri	1,728	1,927	1,729	8,028	7,039	14.1
Nebraska	523	814	708	2,798	2,989	-6.4
North Dakota	1,582	2,023	1,610	7,625	7,600	.3
South Dakota	218	243	51	926	680	36.3
<b>South Atlantic</b>	9,144	8,785	8,916	38,275	38,885	3.8
Delaware	119	188	147	701	622	12.7
Florida	1,739	1,601	1,790	7,402	7,238	2.3
Georgia	1,955	1,861	1,875	7,639	7,434	2.8
Maryland	590	629	717	2,529	2,842	-11.0
North Carolina	1,410	1,050	1,017	5,247	4,662	12.5
South Carolina	675	616	754	2,736	2,521	8.5
Virginia	468	554	434	2,702	2,180	24.0
West Virginia	2,191	2,266	2,182	9,321	9,386	-.7
<b>East South Central</b>	5,693	5,607	5,956	23,362	22,511	3.8
Alabama	1,702	1,691	1,892	6,621	5,593	18.4
Kentucky	2,320	2,329	2,299	9,850	9,761	.9
Mississippi	266	220	251	1,041	882	18.0
Tennessee	1,315	1,367	1,713	5,850	6,274	-6.8
<b>West South Central</b>	8,507	9,182	8,614	38,893	37,113	4.8
Arkansas	1,010	854	656	3,734	2,830	31.9
Louisiana	853	1,059	736	3,901	3,451	13.0
Oklahoma	878	1,256	825	4,619	4,610	.2
Texas	5,767	6,013	6,297	26,639	26,221	1.6
<b>Mountain</b>	7,137	7,880	7,438	31,389	32,871	-4.5
Arizona	912	855	1,178	4,437	4,820	-7.9
Colorado	1,182	1,273	1,273	5,108	5,280	-3.3
Montana	748	978	694	3,583	3,465	3.4
Nevada	341	745	295	2,635	2,318	13.7
New Mexico	1,107	828	1,227	3,809	4,846	-25.5
Utah	920	1,081	1,051	4,164	4,416	-5.7
Wyoming	1,927	2,001	1,721	7,852	7,728	1.6
<b>Pacific</b>	485	576	356	2,184	1,717	27.2
Oregon	163	179	0	672	0	-
Washington	298	369	330	1,405	1,613	-12.9
Alaska	26	29	25	108	104	4.4
<b>U.S. Total</b>	<b>55,483</b>	<b>59,195</b>	<b>57,776</b>	<b>244,311</b>	<b>242,811</b>	<b>.8</b>

\* For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Coal Production, April 1991**

Census Division and State	April 30, 1991	March 31, 1991	April 30, 1990	Percent Change April 30: 1991 versus 1990
<b>New England</b>	<b>1,088</b>	<b>1,092</b>	<b>1,170</b>	<b>-7.2</b>
Connecticut	178	197	148	22.0
Massachusetts	549	566	632	-20.7
New Hampshire	331	302	304	8.9
Rhode Island	28	28	43	0
<b>Middle Atlantic</b>	<b>16,851</b>	<b>16,087</b>	<b>15,080</b>	<b>10.4</b>
New Jersey	866	860	839	-3.6
New York	1,833	1,862	1,463	24.7
Pennsylvania	13,952	13,565	12,712	9.8
<b>East North Central</b>	<b>38,721</b>	<b>37,864</b>	<b>38,080</b>	<b>7.4</b>
Illinois	6,988	6,738	7,815	-11.0
Indiana	10,037	9,554	9,163	9.5
Michigan	7,827	7,647	6,540	19.7
Ohio	10,519	10,535	8,902	19.5
Wisconsin	3,372	3,390	3,734	-9.7
<b>West North Central</b>	<b>20,068</b>	<b>19,237</b>	<b>20,805</b>	<b>-2.6</b>
Iowa	4,381	4,143	3,750	17.4
Kansas	3,671	3,501	3,831	-4.2
Minnesota	2,141	2,108	2,402	-10.9
Missouri	5,317	5,000	5,528	-3.8
Nebraska	1,642	1,571	1,619	1.4
North Dakota	2,632	2,617	3,218	-18.2
South Dakota	285	298	277	3.1
<b>South Atlantic</b>	<b>30,489</b>	<b>30,291</b>	<b>29,320</b>	<b>4.0</b>
Delaware	406	391	414	-2.0
Florida	5,519	5,310	5,311	3.9
Georgia	6,292	6,253	6,371	-1.2
Maryland	2,293	2,208	1,659	35.8
North Carolina	4,944	5,115	5,149	-4.0
South Carolina	2,064	2,051	2,200	-6.2
Virginia	1,787	1,757	1,823	-2.0
West Virginia	7,185	7,205	6,364	12.9
<b>East South Central</b>	<b>17,720</b>	<b>16,730</b>	<b>16,573</b>	<b>6.3</b>
Alabama	5,080	4,732	5,292	-3.8
Kentucky	7,607	7,368	6,490	17.2
Mississippi	851	806	1,065	-20.1
Tennessee	4,182	3,824	3,836	9.0
<b>West South Central</b>	<b>16,976</b>	<b>15,649</b>	<b>16,991</b>	<b>-1.1</b>
Arkansas	2,392	2,183	2,504	-4.5
Louisiana	2,256	2,235	2,284	-1.2
Oklahoma	3,468	3,088	3,573	-2.9
Texas	8,860	8,143	8,630	2.7
<b>Mountain</b>	<b>18,748</b>	<b>17,850</b>	<b>18,295</b>	<b>2.5</b>
Arizona	3,893	3,714	3,878	.4
Colorado	3,743	3,567	3,778	-9.9
Montana	805	790	861	-6.5
Nevada	1,482	1,128	1,464	1.2
New Mexico	1,482	1,515	1,330	11.5
Utah	4,480	4,189	3,705	20.4
Wyoming	2,884	2,947	3,280	-12.1
<b>Pacific</b>	<b>2,344</b>	<b>2,231</b>	<b>1,758</b>	<b>33.3</b>
Oregon	790	757	480	64.7
Washington	1,538	1,474	1,275	20.6
Alaska	16	1	3	437.1
<b>U.S. Total</b>	<b>162,804</b>	<b>157,031</b>	<b>155,982</b>	<b>4.4</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 10. Coal Receipts at Electric Utility Plants, March 1991**  
(Thousand Short Tons)

Census Division and State	March 1991	February 1991	March 1990	Year to Date		
				1991	1990	Percent Change
New England . . . . .	563	527	657	1,605	1,849	-13.2
Connecticut . . . . .	110	95	97	266	280	-5.0
Massachusetts . . . . .	374	363	418	1,033	1,174	-12.0
New Hampshire . . . . .	78	69	142	307	395	-22.3
Middle Atlantic . . . . .	4,313	4,187	5,617	13,039	15,575	-16.3
New Jersey . . . . .	185	196	300	594	891	-33.3
New York . . . . .	707	690	942	2,216	2,680	-17.6
Pennsylvania . . . . .	3,422	3,300	4,375	10,229	11,894	-14.7
East North Central . . . . .	13,410	12,556	14,617	38,401	40,541	-5.3
Illinois . . . . .	2,230	2,374	2,232	6,840	6,671	2.5
Indiana . . . . .	3,653	3,635	4,499	10,628	12,457	-14.7
Michigan . . . . .	1,617	1,233	1,426	4,210	3,913	7.6
Ohio . . . . .	4,409	4,027	4,982	12,625	13,527	-6.7
Wisconsin . . . . .	1,501	1,286	1,478	4,098	3,973	3.1
West North Central . . . . .	9,013	8,688	8,817	26,271	26,617	-1.3
Iowa . . . . .	1,580	1,271	1,270	3,858	3,314	16.4
Kansas . . . . .	876	929	1,465	2,855	4,120	-30.7
Minnesota . . . . .	1,122	1,229	1,225	3,781	4,440	-14.8
Missouri . . . . .	2,368	2,354	2,049	6,852	6,497	5.6
Nebraska . . . . .	908	731	738	2,264	2,195	3.1
North Dakota . . . . .	1,936	1,888	1,866	6,012	5,510	9.1
South Dakota . . . . .	223	166	205	649	542	19.7
South Atlantic . . . . .	10,397	10,155	11,777	31,593	35,045	-9.9
Delaware . . . . .	127	170	217	550	624	-12.0
Florida . . . . .	1,960	1,948	2,149	6,111	6,150	-.8
Georgia . . . . .	2,265	2,081	2,402	6,546	6,457	1.4
Maryland . . . . .	803	602	881	2,008	2,582	-22.2
North Carolina . . . . .	1,355	1,492	1,605	4,472	5,608	-20.2
South Carolina . . . . .	759	617	704	2,074	2,169	-4.4
Virginia . . . . .	721	755	547	2,359	2,147	8.8
West Virginia . . . . .	2,408	2,490	3,271	7,473	9,308	-19.7
East South Central . . . . .	8,642	8,201	7,258	18,940	21,064	-10.1
Alabama . . . . .	2,032	1,977	1,980	5,874	5,511	6.6
Kentucky . . . . .	2,606	2,418	3,368	7,489	9,435	-20.6
Mississippi . . . . .	290	267	318	803	856	-6.2
Tennessee . . . . .	1,714	1,539	1,582	4,774	5,262	-9.3
West South Central . . . . .	10,401	10,189	9,612	31,151	29,120	7.0
Arkansas . . . . .	1,113	1,067	902	3,279	2,396	36.9
Louisiana . . . . .	905	985	990	2,819	2,473	14.0
Oklahoma . . . . .	1,515	1,344	1,398	4,174	4,119	1.3
Texas . . . . .	6,868	6,813	6,322	20,879	20,132	3.7
Mountain . . . . .	8,184	7,990	8,682	25,280	26,177	-3.4
Arizona . . . . .	1,410	1,148	1,471	4,001	4,099	-2.4
Colorado . . . . .	1,250	1,393	1,312	4,135	3,895	6.2
Montana . . . . .	943	885	945	2,859	2,827	1.1
Nevada . . . . .	755	675	687	2,177	2,245	-3.0
New Mexico . . . . .	841	853	1,163	2,717	3,500	-22.4
Utah . . . . .	1,232	1,217	1,278	3,655	3,756	-2.7
Wyoming . . . . .	1,754	1,818	1,827	5,737	5,857	-2.0
Pacific . . . . .	615	567	481	1,671	1,447	15.6
Oregon . . . . .	207	196	-	509	-	-
Washington . . . . .	408	371	481	1,162	1,447	-19.7
<b>U.S. Total . . . . .</b>	<b>63,537</b>	<b>61,059</b>	<b>67,518</b>	<b>187,952</b>	<b>197,435</b>	<b>-4.8</b>

Note. Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 11. Quality and Price of Coal Receipts at Electric Utility Plants,  
March 1991**

Census Division and State	March 1991		March 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
<b>New England</b> .. . . .	0.90	183	0.98	177	0.87	183	0.97	178	-10.2	2.7
Connecticut .. . . .	.42	213	.40	208	.41	219	.41	210	6	3.8
Massachusetts .. . . .	.98	176	.97	170	.90	175	.96	170	-6.2	2.8
New Hampshire .. . . .	1.25	178	1.38	177	1.18	178	1.40	177	-16.3	7
<b>Mid Atlantic</b> .. . . .	1.62	155	1.60	155	1.61	158	1.61	155	.3	1.9
New Jersey .. . . .	.86	184	.70	178	.89	185	.78	179	14.1	3.4
New York .. . . .	1.39	163	1.44	161	1.40	163	1.41	162	-1.2	7
Pennsylvania .. . . .	1.71	152	1.71	152	1.71	155	1.72	152	-8	2.4
<b>East North Central</b> .. . . .	1.71	152	1.74	153	1.75	153	1.77	153	-.7	-4
Illinois .. . . .	1.83	176	1.99	174	1.89	174	1.97	176	-4.1	-1.0
Indiana .. . . .	1.91	140	1.88	142	2.00	139	1.85	141	2.5	-1.4
Michigan .. . . .	.68	165	.70	168	.70	169	.72	172	-2.6	-1.8
Ohio .. . . .	2.13	147	2.05	151	2.11	150	2.07	150	2.0	-5
Wisconsin .. . . .	.77	141	.83	142	.75	139	.79	139	-4.3	*
<b>West North Central</b> .. . . .	1.06	112	1.08	114	1.06	112	1.09	115	-2.4	-2.1
Iowa .. . . .	.64	104	.62	107	.55	101	.50	104	9.9	-2.5
Kansas .. . . .	.45	130	.76	127	.62	128	.71	125	-11.8	2.7
Minnesota .. . . .	.54	140	.56	134	.55	139	.55	132	-.7	5.2
Missouri .. . . .	1.79	133	1.89	136	1.74	134	1.89	140	-12.5	-4.0
Nebraska .. . . .	.39	76	.41	76	.40	77	.42	77	-4.2	1
North Dakota .. . . .	1.28	69	1.19	67	1.31	69	1.16	68	12.9	1.9
South Dakota .. . . .	1.41	113	1.42	115	1.41	114	1.41	122	1	-6.3
<b>South Atlantic</b> .. . . .	1.19	172	1.26	167	1.19	171	1.22	168	-2.0	2.1
Delaware .. . . .	.81	177	.70	186	.78	180	.73	184	6.9	-2.4
Florida .. . . .	1.37	191	1.47	187	1.32	191	1.39	187	-5.4	2.3
Georgia .. . . .	1.31	178	1.43	173	1.32	178	1.39	174	-5.2	2.2
Maryland .. . . .	1.08	167	1.14	164	1.07	168	1.12	165	-4.8	1.5
North Carolina .. . . .	.75	184	.76	179	.76	181	.75	177	1.7	2.0
South Carolina .. . . .	.90	170	.94	171	.91	171	.92	171	-.5	1
Virginia .. . . .	.79	154	.78	159	.77	155	.76	160	1.3	-3.0
West Virginia .. . . .	1.45	152	1.48	143	1.52	149	1.50	145	1.4	2.4
<b>East South Central</b> .. . . .	1.80	141	1.80	143	1.77	142	1.82	142	-2.5	-.6
Alabama .. . . .	1.33	180	1.23	181	1.27	181	1.23	186	3.3	-2.8
Kentucky .. . . .	2.26	117	2.29	119	2.29	117	2.29	118	-.2	-.8
Mississippi .. . . .	1.19	176	1.33	164	1.25	173	1.32	164	-5.2	5.5
Tennessee .. . . .	1.79	124	1.58	138	1.71	124	1.69	135	1.0	-8.1
<b>West South Central</b> .. . . .	.84	148	.82	150	.81	150	.85	147	-4.7	1.6
Arkansas .. . . .	.37	155	.42	165	.37	157	.40	178	-7.5	-11.7
Louisiana .. . . .	.56	167	.60	168	.54	174	.61	171	-11.2	1.6
Oklahoma .. . . .	.44	122	.54	140	.46	129	.54	137	-14.9	-6.2
Texas .. . . .	1.08	150	1.01	147	1.02	150	1.02	142	-4	5.1
<b>Mountain</b> .. . . .	.52	116	.55	112	.55	115	.55	113		
Arizona .. . . .	.47	144	.45	144						
Colorado .. . . .	.37	105	.39							
Montana .. . . .	.76	71	.71							
Nevada .. . . .	.43	139	.50							
New Mexico .. . . .	.83	152	.89							
Utah .. . . .	.42	127	.43							
Wyoming .. . . .	.58	81	.59							
<b>Pacific</b> .. . . .	.57	141	.75							
Oregon .. . . .	.32	109								
Washington .. . . .	.71	158	.75							
<b>U.S. Total</b> .. . . .	1.27	145	1.31							

\* For percentage calculations, the absolute value of the number is less than 1.  
 Notes: Total may not equal sum of components because of independent rounding.  
 Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Coal Receipts at Electric Utility Plants."



**Table 12. Quality and Price of Contract Coal Receipts at Electric Utility Plants, March 1991**

Census Division and State	March 1991		March 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
<b>New England</b>	0.89	185	1.00	175	0.86	185	1.00	177	-14.1	4.9
Connecticut	.42	224	.40	208	.41	223	.41	211	1.7	5.6
Massachusetts	.95	176	1.01	165	.92	175	.99	167	-7.1	5.0
New Hampshire	1.17	179	1.69	170	1.12	180	1.55	174	-27.9	3.5
<b>Mid Atlantic</b>	1.66	158	1.70	157	1.65	162	1.68	158	-1.4	2.4
New Jersey	.85	185	.70	177	.90	186	.77	178	16.3	4.7
New York	1.44	163	1.44	163	1.41	164	1.41	165	-2	-5
Pennsylvania	1.75	156	1.83	154	1.75	160	1.82	155	-3.7	3.3
<b>East North Central</b>	1.77	160	1.78	161	1.82	161	1.81	161	.5	-2
Illinois	1.86	181	2.00	181	1.96	179	1.99	183	-1.9	-1.7
Indiana	1.98	142	1.81	145	2.08	143	1.97	146	4.5	-1.9
Michigan	.68	176	.67	173	.72	179	.68	178	5.9	.6
Ohio	2.26	159	2.12	165	2.22	163	2.15	164	2.9	-7
Wisconsin	.86	151	.92	148	.83	147	.87	146	-4.2	.8
<b>West North Central</b>	1.08	113	1.06	115	1.07	114	1.07	116	.1	-2.0
Iowa	.66	106	.66	115	.58	105	.50	110	10.3	-4.8
Kansas	.41	129	.48	127	.48	134	.45	126	7.3	6.8
Minnesota	.54	140	.54	137	.55	139	.53	134	4.0	3.4
Missouri	1.87	133	1.96	139	1.82	133	2.11	143	-13.7	-6.7
Nebraska	.39	85	.40	79	.39	82	.42	80	-5.1	2.6
North Dakota	1.29	70	1.19	67	1.32	70	1.16	68	13.6	3.8
South Dakota	1.41	113	1.42	115	1.41	114	1.41	122	1	-6.3
<b>South Atlantic</b>	1.23	178	1.27	174	1.24	178	1.23	175	.4	1.8
Delaware	.72	180	.71	185	.68	183	.73	184	-5.6	-5
Florida	1.34	201	1.37	193	1.32	201	1.33	195	-9	3.1
Georgia	1.49	190	1.43	173	1.53	189	1.40	177	9.0	6.9
Maryland	1.13	170	1.15	167	1.09	170	1.13	169	-3.8	7
North Carolina	.75	185	.76	181	.75	185	.74	182	1.2	1.5
South Carolina	.93	178	.94	178	.94	178	.91	175	2.8	1.3
Virginia	.82	159	.74	157	.80	158	.75	156	6.2	1.4
West Virginia	1.46	156	1.59	158	1.57	155	1.59	157	-1.4	-1.5
<b>East South Central</b>	1.84	145	1.92	149	1.84	145	1.89	151	-2.9	-4.0
Alabama	1.30	190	1.09	199	1.23	194	1.08	203	13.5	-4.5
Kentucky	2.37	119	2.68	120	2.48	118	2.68	120	-7.4	-1.9
Mississippi	1.24	176	1.16	170	1.23	175	1.16	170	6.0	2.8
Tennessee	1.84	124	1.84	140	1.74	124	1.74	139	-4	-10.3
<b>West South Central</b>	.87	150	.84	152	.82	151	.88	149	-3.9	1.6
Arkansas	.37	155	.42	165	.37	157	.40	178	-7.5	-11.7
Louisiana	.58	167	.60	168	.54	174	.61	171	-11.2	1.6
Oklahoma	.45	127	.52	143	.47	133	.50	140	-6.1	-5.3
Texas	1.10	150	1.03	148	1.03	150	1.04	143	-8	4.9
<b>Mountain</b>	.53	118	.55	114	.56	117	.58	115	*	2.2
Arizona	.47	143	.45	143	.50	145	.45	144	10.8	.7
Colorado	.37	107	.39	111	.39	108	.40	112	-3.6	-3.1
Montana	.78	71	.71	59	.76	69	.75	62	1.8	11.6
Nevada	.43	139	.50	142	.46	143	.48	148	-5.2	-3.5
New Mexico	.83	152	.89	124	.89	147	.86	133	3.9	10.8
Utah	.41	130	.42	117	.41	124	.43	115	-6.1	8.1
Wyoming	.59	84	.61	88	.63	88	.62	86	1.1	2.3
<b>Pacific</b>	.57	141	.83	163	.82	142	.86	164	-28.4	-13.7
Oregon	.32	109	-	-	.37	109	-	-	-	-
Washington	.71	158	.83	163	.73	157	.86	164	-15.0	-4.5
<b>U.S. Total</b>	1.28	149	1.31	149	1.28	150	1.29	149	-1.1	.3

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Quality and Price of Spot Coal Receipts at Electric Utility Plants, March 1991**

Census Division and State	March 1991		March 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
<b>New England</b> .....	0.98	173	0.91	182	0.91	173	0.86	182	5.7	-5.1
Connecticut .....	.41	177	-	-	41	177	.45	203	-9.2	-12.9
Massachusetts .....	1.10	172	.88	179	.82	172	.86	178	-5.3	-3.7
New Hampshire .....	1.80	169	.96	187	1.34	174	.97	187	38.5	-7.2
<b>Mid Atlantic</b> .....	1.31	138	1.35	150	1.39	138	1.40	147	-.9	-5.7
New Jersey .....	.91	177	.63	189	.85	179	.85	189	-.6	-5.3
New York .....	1.17	163	1.44	156	1.36	161	1.41	156	-3.9	2.8
Pennsylvania .....	1.38	125	1.34	147	1.43	127	1.42	142	1.0	-10.5
<b>East North Central</b> .....	1.44	119	1.60	125	1.52	121	1.62	126	-6.5	-3.6
Illinois .....	1.50	131	1.88	125	1.41	133	1.83	131	-23.2	1.6
Indiana .....	1.54	124	1.72	120	1.67	123	1.82	119	-7.9	3.0
Michigan .....	.67	126	.78	152	.62	132	.82	157	-23.6	-18.2
Ohio .....	1.81	115	1.90	121	1.86	118	1.89	121	-1.6	-2.4
Wisconsin .....	.48	107	.54	121	.41	106	.46	112	-10.9	-5.3
<b>West North Central</b> .....	.91	100	1.19	108	1.01	105	1.19	108	-15.1	-2.0
Iowa .....	.53	96	.53	89	.52	89	.48	85	8.3	4.2
Kansas .....	2.56	132	2.66	126	1.20	105	2.24	121	-46.5	-13.3
Minnesota .....	.28	129	.77	112	.31	130	.77	109	-60.2	19.5
Missouri .....	1.43	130	1.57	124	1.44	138	1.52	127	-5.4	8.6
Nebraska .....	.39	84	.45	69	.43	85	.44	68	-2.5	-5.4
North Dakota .....	1.14	41	-	-	1.14	41	-	-	-	-
<b>South Atlantic</b> .....	1.02	144	1.23	137	.89	144	1.16	145	-14.2	-1.0
Delaware .....	.97	172	.68	187	1.06	170	.74	184	43.4	-7.9
Florida .....	1.51	147	2.19	139	1.33	152	1.72	148	-22.9	2.5
Georgia .....	.80	146	1.20	167	.77	149	1.31	156	-41.2	-4.4
Maryland .....	.96	157	1.12	158	.99	158	1.11	160	-11.1	-.7
North Carolina .....	.74	134	.80	158	.86	138	.77	160	12.6	-14.2
South Carolina .....	.80	148	.95	155	.82	147	.94	157	-12.5	-6.5
Virginia .....	.73	144	.88	165	.73	148	.79	166	-8.2	-11.4
West Virginia .....	1.37	114	1.22	115	1.26	115	1.27	114	-.4	.2
<b>East South Central</b> .....	1.56	121	1.46	124	1.44	124	1.61	119	-10.6	3.9
Alabama .....	1.49	133	1.61	132	1.45	133	1.78	124	-18.6	6.8
Kentucky .....	1.74	108	1.38	118	1.41	114	1.58	114	-10.7	-.6
Mississippi .....	.31	175	1.75	149	1.56	151	1.78	147	-12.4	2.6
Tennessee .....	1.35	126	1.36	126	1.46	124	1.47	122	-.2	1.7
<b>West South Central</b> .....	.39	114	.59	125	.40	117	.65	124	-38.8	-5.1
Oklahoma .....	.39	106	.65	121	.40	108	.76	121	-47.9	-11.0
Texas .....	.39	132	.54	129	.39	132	.54	126	-26.6	5.2
<b>Mountain</b> .....	.42	95	.47	88	.46	92	.48	89	-1.1	3.0
Arizona .....	.57	160	-	-	.50	160	-	-	-	-
Colorado .....	.36	95	.39	105	.39	92	.40	104	-1.2	-11.9
Utah .....	.42	108	.51	105	.42	107	.50	106	-15.2	1.0
Wyoming .....	.44	50	.50	65	.54	61	.48	67	13.3	-9.2
<b>Pacific</b> .....	-	-	.36	128	-	-	.29	128	-	-
Washington .....	-	-	.36	128	-	-	.29	128	-	-
<b>U.S. Total</b> .....	1.16	124	1.32	128	1.18	125	1.34	130	-11.6	-3.5

Notes. Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, March 1991**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	347	267	797	186	283	167	1,427	202	1.11	0.5	1.1	1.8
Arizona	1,184	106	-	-	-	-	1,184	106	.43	9.8	2.4	-7.5
Colorado	1,228	139	-	-	-	-	1,228	139	.38	-13.4	-4.5	-1.6
Illinois	-	-	865	155	3,598	162	4,461	160	2.41	-5.6	1.2	-1.6
Indiana	77	155	171	142	1,823	130	2,071	132	2.30	-28.2	2.9	2.0
Iowa	-	-	-	-	7	199	7	199	2.81	133.3	24.1	-15.2
Kansas	-	-	-	-	37	137	37	137	2.94	-35.7	14.4	12.3
Kentucky	1,313	176	5,098	167	3,388	123	9,799	154	1.48	-10.6	-5	-2.0
Louisiana	-	-	247	130	-	-	247	130	1.06	1.6	-4.3	35.2
Maryland	-	-	305	146	7	127	312	146	1.18	38.0	-6.8	-7.5
Missouri	-	-	-	-	167	196	167	196	3.85	-20.8	38.1	-6.0
Montana	538	234	1,657	106	-	-	2,192	140	.66	-2.6	12.1	.8
New Mexico	399	195	1,103	160	-	-	1,502	170	.70	-20.3	14.1	-4.1
North Dakota	-	-	1,787	76	392	62	2,159	73	1.30	4.2	2.6	7.4
Ohio	-	-	22	126	2,418	144	2,438	143	2.95	-18.2	-2.3	6.0
Oklahoma	-	-	21	143	-	-	21	143	1.00	-78.0	5.7	-25.1
Pennsylvania	142	158	3,053	156	604	138	3,798	153	1.43	-21.7	-4	.2
Tennessee	-	-	185	134	81	123	266	131	1.42	-45.2	-12.2	16.7
Texas	-	-	1,906	136	1,777	108	3,682	122	1.90	-1.5	9.8	22.8
Utah	1,295	128	27	149	-	-	1,322	128	.42	-3.4	11.2	-5.7
Virginia	223	193	1,124	165	-	-	1,347	169	.89	-10.7	-1	2.5
Washington	-	-	408	158	-	-	408	158	.71	1.5	-3.2	-14.5
West Virginia	1,768	171	3,030	163	2,168	147	6,966	160	1.32	-12.1	2.2	-9
Wyoming	15,578	130	744	106	38	123	16,360	129	.43	12.6	-3.8	-4.7
Imported	82	144	54	171	-	-	136	155	.60	-26.3	-13.3	-12.1
U.S. Total	24,171	143	22,583	152	16,784	139	63,537	145	1.27	-5.9	*	-3.3

\* For percentage calculations, the absolute value of the number is less than 0.05 percent

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 15. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-March 1991**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	1,030	266	2,173	187	888	165	4,091	203	1.08	-1.4	-1.3	-0.7
Arizona	3,160	107	-	-	-	-	3,160	107	4.4	4.2	3.2	-3.8
Colorado	3,882	137	13	94	-	-	3,895	137	3.9	-3.8	-8.3	-5.8
Illinois	-	-	2,583	158	10,557	160	13,140	160	2.43	-3.6	2.8	7
Indiana	171	153	503	139	5,587	130	6,262	131	2.35	-22.1	2.7	3.9
Iowa	-	-	-	-	24	183	24	183	3.24	166.7	13.7	-2.1
Kansas	-	-	-	-	119	132	119	132	2.81	-45.3	9.9	9.5
Kentucky	4,034	174	14,742	167	9,819	125	28,394	155	1.46	-13.8	-3	-2.8
Louisiana	-	-	707	142	-	-	707	142	9.1	9.1	2.3	18.0
Maryland	-	-	834	143	13	124	847	143	1.21	25.6	-6.7	-5.2
Missouri	-	-	-	-	482	184	482	184	3.88	-25.9	-1.7	-2.8
Montana	1,251	258	5,371	107	-	-	6,621	137	6.8	-4.6	8.3	-1.6
New Mexico	1,228	193	3,455	155	-	-	4,683	165	7.6	-13.6	7.9	5.6
North Dakota	-	-	5,147	78	1,514	58	6,661	73	1.32	10.0	1.2	11.7
Ohio	7	157	120	138	8,874	145	7,001	145	2.93	-13.9	-2.2	2.9
Oklahoma	16	145	84	145	-	-	100	145	9.4	-67.0	6.5	-43.7
Pennsylvania	406	160	8,444	159	2,531	149	11,380	157	1.44	-13.3	1.9	-3
Tennessee	10	149	620	134	215	122	845	131	1.31	-28.7	-13.9	17.7
Texas	-	-	8,249	118	3,424	110	11,673	116	1.68	-2.2	11.3	7.0
Utah	3,938	124	45	145	-	-	3,983	125	.42	-3.5	7.4	-3.9
Virginia	903	188	3,359	166	-	-	4,262	171	.87	-4.9	.1	1.5
Washington	-	-	1,162	157	-	-	1,162	157	.73	-4.0	-4.3	-14.8
West Virginia	5,788	171	8,827	163	6,421	147	21,036	160	1.31	-9.5	2.2	1.0
Wyoming	43,686	134	3,132	102	107	122	46,926	132	.44	9.7	-1.8	-4
Imported	255	146	244	171	-	-	499	158	.60	8.8	-11.3	-4.6
U.S. Total	69,767	146	69,810	150	48,375	141	187,952	146	1.27	-4.8	.3	-2.8

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-March 1991

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	5,874	5,511	78.6	77.1	1.27	1.23	181	186
Alabama	4,091	4,058	81.8	86.6	1.08	1.08	203	206
Illinois	191	210	60.0	-	1.81	2.09	122	108
Indiana	-	272	-	-	-	2.00	-	117
Kentucky	961	472	75.9	31.6	2.00	1.99	131	129
Ohio	158	156	100.0	100.0	1.72	1.92	118	120
Tennessee	258	189	34.2	11.5	1.34	.88	132	124
West Virginia	214	2	81.7	-	.85	.50	140	106
Wyoming	-	153	-	-	-	.41	-	171
Arizona	4,001	4,099	95.1	100.0	.50	.45	146	144
Arizona	1,825	1,885	100.0	100.0	.43	.44	102	99
Colorado	210	307	100.0	100.0	.34	.31	174	177
New Mexico	1,968	1,907	90.1	100.0	.58	.48	188	187
Arkansas	3,279	2,398	100.0	100.0	.37	.40	157	178
Wyoming	3,279	2,398	100.0	100.0	.37	.40	157	178
Colorado	4,135	3,895	82.5	90.1	.39	.40	105	111
Colorado	2,525	2,657	71.3	85.5	.39	.40	102	112
Wyoming	1,610	1,238	100.0	100.0	.38	.39	111	107
Connecticut	266	280	90.2	91.1	.41	.41	219	210
Kentucky	266	280	90.2	91.1	.41	.41	219	210
Delaware	550	624	74.9	70.8	.78	.73	180	184
Kentucky	52	52	100.0	31.7	.65	.54	174	194
Pennsylvania	162	98	23.7	40.0	1.12	1.11	171	167
Virginia	31	107	100.0	39.0	1.00	.63	205	194
West Virginia	305	369	95.2	93.7	.60	.89	183	184
Florida	6,111	6,150	80.7	83.0	1.32	1.39	191	187
Illinois	1,043	1,011	100.0	100.0	2.42	2.42	217	207
Indiana	88	128	-	-	2.76	2.91	112	109
Kentucky	3,599	4,021	80.0	77.6	1.20	1.26	187	181
Ohio	15	-	-	-	2.87	-	162	-
Tennessee	47	35	100.0	100.0	.87	.80	220	221
Virginia	226	214	89.4	100.0	.65	.57	234	259
West Virginia	594	479	86.8	98.3	.89	.93	196	193
Imported coal Colombia	499	262	48.8	100.0	.60	.65	158	177
Georgia	6,546	6,457	69.3	85.9	1.32	1.39	178	174
Alabama	-	89	-	26.1	-	1.57	-	157
Illinois	1,216	1,176	100.0	98.4	2.58	2.42	208	168
Kentucky	3,123	3,449	74.0	85.1	1.25	1.29	184	168
Tennessee	39	438	-	76.7	1.54	1.04	152	189
Virginia	764	787	88.1	87.1	.99	1.08	184	177
West Virginia	365	374	92.9	100.0	.53	.59	251	242
Wyoming	1,040	166	-	35.3	.41	.38	153	124
Illinois	6,840	6,671	89.1	87.8	1.89	1.97	174	176
Colorado	61	-	-	-	.45	-	155	-
Illinois	4,061	3,930	94.0	92.1	2.72	2.75	142	147
Indiana	450	659	60.1	72.5	1.40	1.51	135	124
Kentucky	393	451	75.1	44.3	.63	1.00	168	154
Montana	908	655	100.0	100.0	.36	.42	277	288
Tennessee	10	-	100.0	-	.59	-	149	-
West Virginia	126	23	26.3	100.0	.59	.52	151	182
Wyoming	831	954	91.5	92.6	.41	.41	279	289
Indiana	10,628	12,457	82.9	83.7	2.00	1.95	139	141
Colorado	204	194	-	100.0	.40	.39	170	300
Illinois	2,027	2,625	91.1	86.5	2.51	2.35	165	159
Indiana	4,689	5,405	82.3	83.7	2.48	2.41	128	127
Kentucky	1,151	1,271	94.0	84.0	2.29	2.32	137	139
Montana	135	244	100.0	60.2	.35	.38	280	235
Ohio	13	29	-	-	2.45	2.13	138	122
West Virginia	11	108	-	73.8	.50	.55	170	210
Wyoming	2,399	2,581	78.9	83.1	.41	.39	130	130
Iowa	3,858	3,314	76.0	73.7	.55	.50	101	104
Illinois	95	61	98.9	100.0	2.39	2.79	190	184
Indiana	73	34	43.8	13.9	2.13	1.95	150	131
Iowa	24	9	100.0	100.0	3.24	3.31	183	161
Wyoming	3,685	3,210	78.0	73.8	.42	.41	96	101
Kansas	2,855	4,120	81.4	88.1	.62	.71	128	125
Colorado	-	40	-	100.0	-	.31	-	117
Illinois	228	328	34.3	18.0	2.35	2.73	171	141
Kansas	27	114	-	-	2.46	2.47	123	121
Wyoming	2,600	3,640	86.4	97.0	.40	.41	123	123

See footnotes at end of table.

**Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-March 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky . . . . .	7,489	9,435	82.5	65.5	2.29	2.29	117	118
Illinois . . . . .	-	10	-	-	-	2.58	-	117
Indiana . . . . .	562	753	76.7	57.9	2.42	2.38	105	109
Kentucky . . . . .	5,664	7,621	84.4	69.3	2.51	2.49	116	118
Ohio . . . . .	73	44	22.3	62.6	2.76	2.40	120	152
Pennsylvania . . . . .	-	5	-	-	-	2.63	-	96
Tennessee . . . . .	175	121	98.4	83.7	1.84	2.08	116	119
West Virginia . . . . .	806	879	70.9	38.2	69	60	132	127
Wyoming . . . . .	209	2	100.0	-	2.69	.39	123	133
Louisiana . . . . .	2,819	2,473	100.0	100.0	.54	.61	174	171
Louisiana . . . . .	707	648	100.0	100.0	.93	.79	142	138
West Virginia . . . . .	64	39	100.0	100.0	.46	.55	177	203
Wyoming . . . . .	2,048	1,786	100.0	100.0	.44	.56	183	179
Maryland . . . . .	2,008	2,582	81.5	82.5	1.07	1.12	168	165
Kentucky . . . . .	84	191	100.0	57.1	.52	.56	158	165
Maryland . . . . .	354	431	52.7	49.3	1.10	1.20	173	169
Ohio . . . . .	7	-	-	-	1.57	-	167	-
Pennsylvania . . . . .	581	614	98.7	97.1	1.43	1.49	183	184
West Virginia . . . . .	983	1,347	80.7	51.7	.89	1.02	158	156
Massachusetts . . . . .	1,033	1,174	79.0	73.9	.90	.98	175	170
Pennsylvania . . . . .	96	259	-	36.4	1.11	1.11	174	172
Virginia . . . . .	371	385	78.1	100.0	.78	.94	177	170
West Virginia . . . . .	566	396	92.9	98.1	.94	1.01	173	165
Imported coal Colombia . . . . .	-	64	-	-	-	.61	-	179
Imported coal Venezuela . . . . .	-	70	-	-	-	.48	-	181
Michigan . . . . .	4,210	3,913	76.1	71.8	.70	.72	169	172
Kentucky . . . . .	1,697	1,585	85.0	67.9	.77	.72	178	185
Montana . . . . .	153	346	85.6	100.0	.34	.34	150	129
Pennsylvania . . . . .	325	422	79.1	77.3	1.11	1.01	158	161
Virginia . . . . .	-	85	-	100.0	-	1.08	-	185
West Virginia . . . . .	1,471	1,406	90.0	69.4	.64	.68	177	170
Wyoming . . . . .	564	69	8.9	-	.36	.30	115	110
Minnesota . . . . .	3,781	4,440	99.2	90.6	.55	.55	139	132
Illinois . . . . .	11	10	100.0	100.0	1.60	1.35	160	189
Kentucky . . . . .	-	3	-	-	-	.68	-	212
Montana . . . . .	2,115	2,472	98.5	83.6	.74	.76	144	134
North Dakota . . . . .	-	1	-	100.0	-	.87	-	174
Wyoming . . . . .	1,655	1,954	100.0	99.4	.29	.28	133	128
Mississippi . . . . .	803	856	92.5	73.6	1.25	1.32	173	164
Illinois . . . . .	315	263	92.7	89.7	2.12	2.04	150	148
Kentucky . . . . .	465	593	96.8	66.5	.70	1.00	189	171
Montana . . . . .	23	-	-	-	.31	-	175	-
Missouri . . . . .	6,852	6,497	79.8	79.6	1.74	1.99	134	140
Colorado . . . . .	83	-	100.0	-	.40	-	162	-
Illinois . . . . .	3,157	3,549	81.3	84.1	2.22	2.19	150	150
Indiana . . . . .	15	9	-	100.0	3.11	3.57	155	122
Kansas . . . . .	91	103	-	-	2.93	2.67	135	119
Kentucky . . . . .	307	284	97.0	100.0	2.53	2.54	125	124
Missouri . . . . .	482	651	99.7	98.9	3.88	3.99	184	187
Ohio . . . . .	-	8	-	-	-	2.10	-	173
Oklahoma . . . . .	-	36	-	100.0	-	3.64	-	138
Wyoming . . . . .	2,717	1,857	75.0	85.4	.43	.43	99	98
Montana . . . . .	2,859	2,827	100.0	100.0	.76	.75	69	62
Montana . . . . .	2,859	2,827	100.0	100.0	.76	.75	69	62
Nebraska . . . . .	2,264	2,195	72.7	76.8	.40	.42	77	77
Wyoming . . . . .	2,264	2,195	72.7	76.8	.40	.42	77	77
Nevada . . . . .	2,177	2,244	100.0	100.0	.46	.48	143	148
Arizona . . . . .	1,336	1,147	100.0	100.0	.46	.49	115	112
Utah . . . . .	736	800	100.0	100.0	.45	.48	184	181
Wyoming . . . . .	105	298	100.0	100.0	.42	.42	197	203
New Hampshire . . . . .	307	395	74.3	74.8	1.18	1.40	178	177
Kentucky . . . . .	-	17	-	-	-	.88	-	201
Pennsylvania . . . . .	228	27	100.0	100.0	1.12	.93	180	178
West Virginia . . . . .	79	288	-	83.2	1.34	1.63	174	175
Imported coal Canada . . . . .	-	34	-	-	-	.97	-	181
Imported coal Venezuela . . . . .	-	29	-	100.0	-	.43	-	183
New Jersey . . . . .	594	891	86.2	87.8	.89	.78	185	179
Kentucky . . . . .	-	23	-	-	-	.61	-	190
Ohio . . . . .	-	14	-	-	-	1.66	-	203

See footnotes at end of table.

**Table 16. Destination of Coal Received at Electric Utility Plants by Origin,  
January-March 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
<b>New Jersey</b>								
Pennsylvania	-	10	-	-	-	1.50	-	198
Virginia	199	393	98.6	100.0	0.57	.58	180	176
West Virginia	395	451	79.9	86.3	1.07	.94	188	181
<b>New Mexico</b>	2,717	3,500	100.0	100.0	.89	.86	147	133
New Mexico	2,717	3,500	100.0	100.0	.89	.86	147	133
<b>New York</b>	2,216	2,690	73.7	64.8	1.40	1.41	163	162
Kentucky	149	101	100.0	100.0	.40	.38	212	208
Maryland	6	2	-	-	1.63	1.64	156	168
Ohio	-	15	-	-	-	1.50	-	162
Pennsylvania	1,218	1,375	58.3	41.4	1.39	1.43	156	154
West Virginia	843	1,197	91.8	89.6	1.58	1.48	164	167
<b>North Carolina</b>	4,472	5,608	91.9	78.6	.76	.75	181	177
Kentucky	2,066	2,908	94.7	75.5	.77	.78	188	182
Virginia	1,073	1,079	99.9	93.8	.85	.81	174	168
West Virginia	1,332	1,619	81.2	74.0	.67	.65	176	175
<b>North Dakota</b>	6,012	5,510	95.3	100.0	1.31	1.16	69	68
North Dakota	6,012	5,510	95.3	100.0	1.31	1.16	69	68
<b>Ohio</b>	12,625	13,527	70.6	68.2	2.11	2.07	150	150
Illinois	-	20	-	-	-	2.59	-	118
Indiana	-	41	-	-	-	2.97	-	109
Kentucky	2,279	2,597	61.9	46.7	.86	1.05	157	156
Ohio	6,156	6,766	73.2	72.3	2.93	2.81	148	152
Pennsylvania	812	856	52.8	54.2	1.64	1.72	142	136
West Virginia	3,378	3,247	76.0	81.6	1.56	1.47	150	147
<b>Oklahoma</b>	4,174	4,119	84.4	87.1	.46	.54	129	137
Oklahoma	100	266	83.9	22.9	.94	1.41	145	135
Wyoming	4,074	3,854	84.4	91.5	.44	.45	128	138
<b>Oregon</b>	509	-	100.0	-	.37	-	109	-
Wyoming	509	-	100.0	-	.37	-	109	-
<b>Pennsylvania</b>	10,229	11,994	85.7	75.3	1.71	1.72	155	152
Kentucky	15	-	100.0	-	1.06	-	177	-
Ohio	293	608	99.7	97.6	3.29	3.28	159	154
Pennsylvania	7,508	8,950	80.8	68.5	1.47	1.46	156	153
West Virginia	2,414	2,437	99.0	94.6	2.25	2.27	151	146
<b>South Carolina</b>	2,074	2,169	79.6	76.5	.91	.92	171	171
Kentucky	1,805	1,846	77.3	78.0	.89	.91	172	174
Tennessee	-	68	-	-	-	1.17	-	164
Virginia	228	252	100.0	87.2	1.13	.90	163	157
West Virginia	42	5	88.8	-	.80	.75	178	170
<b>South Dakota</b>	649	542	100.0	100.0	1.41	1.41	114	122
North Dakota	649	542	100.0	100.0	1.41	1.41	114	122
<b>Tennessee</b>	4,774	5,262	88.1	80.0	1.71	1.69	124	135
Illinois	642	238	31.8	31.6	1.70	1.84	125	112
Indiana	-	320	-	-	-	1.68	-	123
Kentucky	3,451	4,077	97.5	88.3	1.82	1.75	124	139
Tennessee	316	339	86.0	73.2	1.05	1.12	121	120
Virginia	386	288	100.0	100.0	1.29	1.45	128	130
<b>Texas</b>	20,879	20,192	98.1	96.8	1.02	1.02	150	142
Colorado	404	423	79.2	72.6	.36	.37	219	209
Texas	11,673	11,935	100.0	99.4	1.68	1.57	116	104
Wyoming	8,801	7,774	96.5	94.1	.42	.44	178	181
<b>Utah</b>	3,655	3,756	88.6	87.1	.41	.44	122	114
Colorado	408	427	100.0	100.0	.40	.60	220	226
Utah	3,247	3,329	87.1	85.4	.41	.42	111	101
<b>Virginia</b>	2,359	2,147	89.9	63.7	.77	.76	155	160
Kentucky	701	781	62.4	45.8	.78	.84	155	180
Virginia	1,008	810	79.2	81.6	.74	.70	155	159
West Virginia	652	456	63.6	58.7	.82	.77	156	161
<b>Washington</b>	1,162	1,447	100.0	83.1	.73	.76	157	158
Washington	1,162	1,211	100.0	99.3	.73	.86	157	164
Wyoming	-	236	-	-	-	.27	-	128
<b>West Virginia</b>	7,473	9,308	85.8	72.5	1.52	1.50	149	145
Kentucky	164	295	79.7	78.7	.73	.86	194	170
Maryland	487	241	82.7	59.9	1.28	1.41	120	123
Ohio	285	492	92.5	60.3	3.31	3.27	96	96
Pennsylvania	140	152	100.0	22.2	1.69	1.47	106	121
West Virginia	6,396	8,128	85.4	74.4	1.48	1.42	153	149

See footnotes at end of table.

**Table 16. Destination of Coal Received at Electric Utility Plants by Origin,  
January-March 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Wisconsin ..	4,098	3,973	79.8	79.0	0.75	0.79	139	139
Illinois ....	153	198	95.8	93.2	1.53	1.53	155	149
Indiana .....	386	415	97.6	96.0	1.77	1.77	199	190
Kentucky .....	2	40	-	-	.55	.69	144	191
Montana .....	429	399	100.0	100.0	.81	.81	170	169
New Mexico .....	-	11	-	-	-	.40	-	176
Pennsylvania .....	311	366	100.0	100.0	1.33	1.24	150	152
Wyoming ....	2,818	2,545	71.2	70.4	.41	.40	121	119
Wyoming .....	5,737	5,857	84.0	84.9	.62	.60	84	84
Wyoming .....	5,737	5,857	84.0	84.9	.62	.60	84	84
<b>U.S. Total</b> .....	<b>187,952</b>	<b>197,435</b>	<b>85.6</b>	<b>82.6</b>	<b>1.27</b>	<b>1.30</b>	<b>146</b>	<b>146</b>

Notes Total may not equal sum of components because of independent rounding MM Btu represents million Btu

Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "



**Table 17. Origin of Coal Received at Electric Utility Plants by Destination,  
January-March 1991**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	4,091	4,148	81.9	95.1	1.08	1.09	203	205
Alabama	4,091	4,058	81.9	96.6	1.08	1.08	203	206
Georgia	-	89	-	26.1	-	1.57	-	157
Arizona	3,160	3,032	100.0	100.0	.44	.48	107	104
Arizona	1,825	1,885	100.0	100.0	.43	.44	102	99
Nevada	1,336	1,147	100.0	100.0	.46	.49	115	112
Colorado	3,895	4,048	72.5	87.6	.39	.41	137	149
Arizona	210	307	100.0	100.0	.34	.31	174	177
Colorado	2,525	2,657	71.3	85.5	.39	.40	102	112
Illinois	61	-	-	-	.45	-	155	-
Indiana	204	194	-	100.0	.40	.39	170	300
Kansas	-	40	-	100.0	-	.31	-	117
Missouri	83	-	100.0	-	.40	-	162	-
Texas	404	423	79.2	72.6	.36	.37	219	209
Utah	408	427	100.0	100.0	.40	.60	220	226
Illinois	13,140	13,629	87.0	85.8	2.43	2.41	160	155
Alabama	191	210	60.0	-	1.81	2.09	122	108
Florida	1,043	1,011	100.0	100.0	2.42	2.42	217	207
Georgia	1,216	1,176	100.0	98.4	2.58	2.42	208	168
Illinois	4,081	3,930	94.0	92.1	2.72	2.75	142	147
Indiana	2,027	2,625	91.1	86.5	2.51	2.35	165	159
Iowa	95	61	98.9	100.0	2.39	2.79	190	184
Kansas	228	326	34.3	18.0	2.35	2.73	171	141
Kentucky	-	10	-	-	-	2.56	-	117
Minnesota	11	10	100.0	100.0	1.60	1.35	160	189
Mississippi	315	263	92.7	89.7	2.12	2.04	150	148
Missouri	3,157	3,549	81.3	84.1	2.22	2.19	150	150
Ohio	-	20	-	-	-	2.59	-	118
Tennessee	642	238	31.8	31.6	1.70	1.84	125	112
Wisconsin	153	198	95.8	93.2	1.53	1.53	155	149
Indiana	6,262	8,033	79.4	72.8	2.35	2.26	131	128
Alabama	-	272	-	-	-	2.00	-	117
Florida	88	128	-	-	2.76	2.91	112	109
Illinois	450	659	60.1	72.5	1.40	1.51	135	124
Indiana	4,689	5,405	82.3	83.7	2.48	2.41	128	127
Iowa	73	34	43.8	13.9	2.13	1.95	150	131
Kentucky	562	753	76.7	57.9	2.42	2.38	105	109
Missouri	15	9	-	100.0	3.11	3.57	155	122
Ohio	-	41	-	-	-	2.97	-	109
Tennessee	-	320	-	-	-	1.68	-	123
Wisconsin	386	415	97.6	96.0	1.77	1.77	199	190
Iowa	24	9	100.0	100.0	3.24	3.31	183	161
Iowa	24	9	100.0	100.0	3.24	3.31	183	161
Kansas	119	217	-	-	2.81	2.57	132	120
Kansas	27	114	-	-	2.46	2.47	123	121
Missouri	91	103	-	-	2.93	2.67	135	119
Kentucky	28,394	32,059	82.8	72.9	1.46	1.51	155	155
Alabama	961	472	75.9	31.6	2.00	1.99	131	129
Connecticut	266	280	80.2	91.1	.41	.41	219	210
Delaware	52	52	100.0	31.7	.65	.54	174	194
Florida	3,599	4,021	80.0	77.6	1.20	1.26	187	181
Georgia	3,123	3,449	74.0	85.1	1.25	1.29	164	168
Illinois	393	451	75.1	44.3	.63	1.00	166	154
Indiana	1,151	1,271	94.0	84.0	2.29	2.32	137	139
Kentucky	5,864	7,621	84.4	69.3	2.51	2.49	116	118
Maryland	84	191	100.0	57.1	.52	.56	158	165
Michigan	1,697	1,585	85.0	67.9	.77	.72	178	185
Minnesota	-	3	-	-	-	.68	-	212
Mississippi	465	593	96.8	66.6	.70	1.00	189	171
Missouri	307	284	97.0	100.0	2.53	2.54	125	124
New Hampshire	-	17	-	-	-	.68	-	201
New Jersey	-	23	-	-	-	.61	-	190
New York	149	101	100.0	100.0	.40	.38	212	208
North Carolina	2,066	2,908	94.7	75.5	.77	.78	188	182
Ohio	2,279	2,597	61.9	46.7	.98	1.05	157	156
Pennsylvania	15	-	100.0	-	1.06	-	177	-
South Carolina	1,805	1,846	77.3	78.0	.89	.91	172	174
Tennessee	3,451	4,077	97.5	88.3	1.82	1.75	124	139
Virginia	701	781	62.4	45.8	.78	.84	155	160

See footnotes at end of table.

**Table 17. Origin of Coal Received at Electric Utility Plants by Destination,  
January-March 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
<b>Kentucky</b>								
West Virginia ..	164	295	79.7	78.7	0.73	0.96	194	170
Wisconsin ..	2	40	-	-	.55	.69	144	191
<b>Louisiana</b> ..	707	648	100.0	100.0	.93	.79	142	139
Louisiana ..	707	648	100.0	100.0	.93	.79	142	139
<b>Maryland</b> ..	847	674	69.6	53.0	1.21	1.27	143	153
Maryland ..	354	431	52.7	49.3	1.10	1.20	173	169
New York ..	6	2	-	-	1.63	1.64	156	168
West Virginia ..	487	241	82.7	59.9	1.28	1.41	120	123
<b>Missouri</b> ..	482	651	99.7	98.9	3.88	3.99	184	187
Missouri ..	482	651	99.7	98.9	3.88	3.99	184	187
<b>Montana</b> ..	6,621	6,943	98.8	92.8	.68	.69	137	127
Illinois ..	908	655	100.0	100.0	.36	.42	277	288
Indiana ..	135	244	100.0	60.2	.35	.38	280	235
Michigan ..	153	346	85.6	100.0	.34	.34	150	129
Minnesota ..	2,115	2,472	98.5	83.6	.74	.76	144	134
Mississippi ..	23	-	-	-	.31	-	175	-
Montana ..	2,859	2,827	100.0	100.0	.78	.75	69	62
Wisconsin ..	428	399	100.0	100.0	.81	.81	170	169
<b>New Mexico</b> ..	4,683	5,417	95.9	99.8	.76	.72	165	153
Arizona ..	1,966	1,907	90.1	100.0	.58	.48	188	187
New Mexico ..	2,717	3,500	100.0	100.0	.89	.86	147	133
Wisconsin ..	-	11	-	-	-	.40	-	176
<b>North Dakota</b> ..	6,661	6,053	95.7	100.0	1.32	1.18	73	72
Minnesota ..	-	1	-	100.0	-	.87	-	174
North Dakota ..	6,012	5,510	95.3	100.0	1.31	1.16	69	68
South Dakota ..	649	542	100.0	100.0	1.41	1.41	114	122
<b>Ohio</b> ..	7,001	8,131	74.8	73.4	2.93	2.85	145	148
Alabama ..	158	156	100.0	100.0	1.72	1.92	118	120
Florida ..	15	-	-	-	2.87	-	162	-
Indiana ..	13	29	-	-	2.45	2.13	138	122
Kentucky ..	73	44	22.3	62.6	2.76	2.40	120	152
Maryland ..	7	-	-	-	1.57	-	167	-
Missouri ..	-	8	-	-	-	2.10	-	173
New Jersey ..	-	14	-	-	-	1.66	-	203
New York ..	-	15	-	-	-	1.50	-	162
Ohio ..	6,156	6,768	73.2	72.3	2.93	2.81	148	152
Pennsylvania ..	293	608	99.7	97.6	3.29	3.28	159	154
West Virginia ..	285	492	92.5	60.3	3.31	3.27	96	96
<b>Oklahoma</b> ..	100	302	83.9	32.1	.94	1.67	145	138
Missouri ..	-	38	-	100.0	-	3.64	-	138
Oklahoma ..	100	266	83.9	22.9	.94	1.41	145	135
<b>Pennsylvania</b> ..	11,380	13,131	76.9	65.8	1.44	1.44	157	154
Delaware ..	162	96	23.7	40.0	1.12	1.11	171	167
Kentucky ..	-	5	-	-	-	2.83	-	96
Maryland ..	581	614	98.7	97.1	1.43	1.49	183	184
Massachusetts ..	96	259	-	36.4	1.11	1.11	174	172
Michigan ..	325	422	79.1	77.3	1.11	1.01	156	161
New Hampshire ..	228	27	100.0	100.0	1.12	.93	180	178
New Jersey ..	-	10	-	-	-	1.50	-	198
New York ..	1,218	1,375	58.3	41.4	1.39	1.43	156	154
Ohio ..	812	856	52.8	54.2	1.64	1.72	142	136
Pennsylvania ..	7,508	8,950	60.8	68.5	1.47	1.46	156	153
West Virginia ..	140	152	100.0	22.2	1.69	1.47	106	121
Wisconsin ..	311	368	100.0	100.0	1.33	1.24	150	152
<b>Tennessee</b> ..	845	1,186	69.3	62.5	1.31	1.11	131	152
Alabama ..	258	188	34.2	11.5	1.34	.68	132	124
Florida ..	47	35	100.0	100.0	.97	.80	220	221
Georgia ..	39	436	-	76.7	1.54	1.04	152	189
Illinois ..	10	-	100.0	-	.59	-	149	-
Kentucky ..	175	121	96.4	83.7	1.84	2.06	116	119
South Carolina ..	-	86	-	-	-	1.17	-	164
Tennessee ..	316	339	86.0	73.2	1.05	1.12	121	120
<b>Texas</b> ..	11,673	11,935	100.0	99.4	1.68	1.57	116	104
Texas ..	11,673	11,935	100.0	99.4	1.68	1.57	116	104
<b>Utah</b> ..	3,983	4,128	89.5	88.2	.42	.43	125	116
Nevada ..	736	800	100.0	100.0	.45	.48	184	181
Utah ..	3,247	3,329	87.1	85.4	.41	.42	111	101

See footnotes at end of table.

**Table 17. Origin of Coal Received at Electric Utility Plants by Destination,  
January-March 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Virginia .....	4,262	4,480	90.4	90.4	0.87	0.88	171	170
Delaware .....	31	107	100.0	39.0	1.00	.63	205	194
Florida .....	228	214	89.4	100.0	.65	.57	234	259
Georgia .....	784	767	88.1	87.1	.99	1.08	184	177
Massachusetts .....	371	385	78.1	100.0	.78	.94	177	170
Michigan .....	-	85	-	100.0	-	1.08	-	185
New Jersey .....	189	393	98.6	100.0	.57	.58	180	176
North Carolina .....	1,073	1,079	89.9	93.8	.85	.81	174	168
South Carolina .....	226	252	100.0	87.2	1.13	.90	163	157
Tennessee .....	366	288	100.0	100.0	1.29	1.45	128	130
Virginia .....	1,006	910	79.2	81.6	.74	.70	155	159
Washington .....	1,162	1,211	100.0	99.3	.73	.86	157	164
Washington .....	1,162	1,211	100.0	99.3	.73	.86	157	164
West Virginia .....	21,036	23,248	84.0	76.9	1.31	1.30	160	157
Alabama .....	214	2	81.7	-	.85	.50	140	106
Delaware .....	305	369	95.2	93.7	.60	.69	183	184
Florida .....	594	479	86.8	96.3	.89	.93	196	193
Georgia .....	365	374	92.9	100.0	.53	.59	251	242
Illinois .....	126	23	26.3	100.0	.59	.52	151	182
Indiana .....	11	108	-	73.8	.50	.55	170	210
Kentucky .....	808	879	70.9	38.2	.69	.80	132	127
Louisiana .....	64	39	100.0	100.0	.46	.55	177	203
Maryland .....	993	1,347	80.7	51.7	.89	1.02	158	156
Massachusetts .....	566	396	92.9	98.1	.94	1.01	173	165
Michigan .....	1,471	1,406	90.0	69.4	.64	.68	177	170
New Hampshire .....	79	288	-	83.2	1.34	1.63	174	175
New Jersey .....	395	451	79.9	86.3	1.07	.94	188	181
New York .....	843	1,197	91.8	89.6	1.58	1.48	164	167
North Carolina .....	1,332	1,619	81.2	74.0	.67	.65	176	175
Ohio .....	3,378	3,247	76.0	81.6	1.56	1.47	150	147
Pennsylvania .....	2,414	2,437	99.0	94.6	2.25	2.27	151	146
South Carolina .....	42	5	88.8	-	.80	.75	178	170
Virginia .....	652	456	63.6	58.7	.82	.77	166	161
West Virginia .....	6,396	8,128	85.4	74.4	1.48	1.42	153	149
Wyoming .....	46,926	42,764	84.4	86.9	.44	.44	132	134
Alabama .....	-	153	-	-	-	.41	-	171
Arkansas .....	3,279	2,396	100.0	100.0	.37	.40	157	178
Colorado .....	1,610	1,238	100.0	100.0	.38	.39	111	107
Georgia .....	1,040	166	-	35.3	.41	.38	163	124
Illinois .....	831	954	91.5	92.6	.41	.41	279	289
Indiana .....	2,399	2,581	78.9	83.1	.41	.39	130	130
Iowa .....	3,665	3,210	76.0	73.8	.42	.41	96	101
Kansas .....	2,600	3,640	86.4	97.0	.40	.41	123	123
Kentucky .....	209	2	100.0	-	2.69	.39	123	133
Louisiana .....	2,048	1,786	100.0	100.0	.44	.56	183	179
Michigan .....	564	69	8.9	-	.36	.30	115	110
Minnesota .....	1,655	1,954	100.0	99.4	.29	.28	133	128
Missouri .....	2,717	1,857	75.0	65.4	.43	.43	99	98
Nebraska .....	2,264	2,195	72.7	76.8	.40	.42	77	77
Nevada .....	105	298	100.0	100.0	.42	.42	197	203
Oklahoma .....	4,074	3,854	84.4	91.5	.44	.45	128	138
Oregon .....	509	-	100.0	-	.37	-	109	-
Texas .....	8,801	1,774	98.5	94.1	.42	.44	178	181
Washington .....	-	236	-	-	-	.27	-	128
Wisconsin .....	2,818	2,545	71.2	70.4	.41	.40	121	118
Wyoming .....	5,737	5,857	84.0	84.9	.62	.60	84	84
Imported Coal .....	499	458	48.8	63.4	.60	.63	158	178
Canada .....	-	34	-	-	-	.97	-	181
New Hampshire .....	-	34	-	-	-	.97	-	181
Colombia .....	489	326	48.8	80.3	.60	.64	158	177
Florida .....	499	262	48.8	100.0	.60	.65	158	177
Massachusetts .....	-	64	-	-	-	.31	-	179
Venezuela .....	-	99	-	29.3	-	.46	-	181
Massachusetts .....	-	70	-	-	-	.48	-	181
New Hampshire .....	-	29	-	100.0	-	.43	-	183
U.S. Total .....	187,952	187,435	85.6	82.6	1.27	1.30	146	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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